

TT-63-24489

Kulakova, E. P.  
THE EXOCRINE AND ENDOCRINE FUNCTION OF  
THE PANCREAS IN CHRONIC DISEASES OF THE  
LIVER AND BILE DUCTS. [1963] [20p] 19refs FASEB  
Manuscript no.: S 234-3.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24489

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 1, p. 43-49. (Abstract available)

DESCRIPTORS: Secretion, \*Pancreas, Endocrine  
glands, \*Hepatitis, \*Biliary system, Diseases,  
Enzymes, Gastrointestinal system,

The exocrine function of the pancreas is disturbed in  
the majority of patients (40 out of 46) with chronic dis-  
eases of the liver and bile ducts: pronounced  
"dyspancreatizm" is observed, consisting of a decrease  
in the lipase level and an increase in the content of  
amylase and trypsin, as well as an extremely prolonged  
(Biological Sciences--Pathology, TT, v. 11, no. 6)over)

- I. Title: Uglich mineral  
water
- I. Kulakova, E. P.
- II. FASEB-S-234-3
- III. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Saakyan, A. G. and Nanazyashvili, I. S.  
INTROCEPTION IN THE RECTUM AND ITS IM-  
PORTANCE IN THE ACT OF DEFECTION IN  
CHRONIC COLITIS. [1963] [12p] 11refs FASEB  
Manuscript no.: S 235-3.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24490

Trans. of Terapevticheski Arkhiv (USSR) 1963,  
v. 35, no. 1, p. 65-70. (Abstract available)

DESCRIPTORS: \*Neuromuscular transmission,  
Gastrointestinal system, Reaction (Psychology),  
\*Motor reactions, \*Intestines, Diseases, \*Reflexes.

In healthy persons and in most patients with a normal  
type of sigmoidogram, mechanical stimulation of the  
rectum by a balloon causes a marked biphasic reaction  
(inhibition and depression) of the motor function of the  
sigmoid colon. In most cases of chronic colitis, in-  
(Biological Sciences--Pathology, TT, v. 11, no. 5)  
(over)

TT-63-24490

- I. Title: Colitis
- I. Saakyan, A. G.
- II. Nanazyashvili, I. S.
- III. FASEB-S-235-3
- IV. Federation of American  
Societies for Experimental  
Biology, Washington,  
D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Chekin, V. Ya.

ON THE QUESTION OF THE EFFECT OF METEOROLOGICAL FACTORS ON THE VASCULAR TONE (K Voprosu o Vliyanií Meteorologicheskikh Faktorov na Sozdaniye Tonus)

A. Pingell, tr. 19 Nov 63, 6p 6refs NRL Trans. no. 956.

Order from OTS \$0.50

TT-64-11515

Trans. of Terapevticheskií Arkhiv (USSR) 1963, v. 35 [no. 1] p. 71-73.

DESCRIPTORS: \*Blood vessels, Contraction, \*Hypertension, \*Blood pressure, Meteorological parameters, \*Barometric pressure, \*Polar regions

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-64-11515

- I. Chekin, V. Ya.
- II. NRL-Trans-956
- III. Naval Research Lab.,  
Washington, D. C.

Office of Technical Services

Vogralik, M. V.

THE DOUBLE STIMULATION METHOD IN ELECTRO-  
ENCEPHALOGRAPHY AS A MEANS OF ASSESSING  
CENTRAL NERVOUS SYSTEM REACTIVITY IN MAN,  
[1963] [16p] 7 refs FASEB Manuscript no.:S 237-3.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24491

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 1, p. 78-83.

*(FST) TT-64-19904*  
DESCRIPTORS: Stimulation, Reaction (Psychology),  
\*Electroencephalography, Nervous system, \*Stress  
(Physiology), \*Tolerances (Physiology),

(Biological Sciences--Physiology, TT, v. 11, no. 4)

TT-63-24491

- I. Vogralik, M. V.
- II. FASEB-S-237-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

CHANGES IN THE FUNCTION OF THE THYROID GLAND  
WITH BURN INJURY, BY G. A. TROFIMOV, 9 PP.

RUSSIAN, PER, TERAPEVTICHESKIY ARKHIV, NO L,  
1963, PP 84-89.

JPRS 18700

SCI - BIOL - MED SCI

APR 63

228,360

PATHOMORPHOLOGICAL PECULIARITIES OF BURN INJURY  
IN THE AGED, BY V. M. PINCHUK, 7 PP.

RUSSIAN, PER, TERAPEVTICHESKIY ARKHIV, NO 1,  
1963, PP 889-94.

JPRS 18700

SCI - BIOL&MED SCI  
APR 63

OTS TT-63-24492

228,3681

Damir, A. M. and Sarankin, G. E.  
CORONARY CIRCULATION IN PNEUMOSCLEROSIS.  
[1963] [18p] 15refs FASEB manuscript no. S 264-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13511

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 2, p. 16-22.

(Biological Sciences--Pathology, TT, v. 11, no. 11)

TT-64-13511

- I. Damir, A. M.
- II. Sarankin, G. E.
- III. FASEB-S-264-3
- IV. Federation of American  
Societies for Experimental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

TT-64-13843

Gefter, V. A.  
THE EFFECT OF NITROSORBID ON THE CARDIO-  
VASCULAR SYSTEM OF PATIENTS WITH CORONARY  
INSUFFICIENCY (Vliyaniye Nitrosorbida na Serdchno-  
Sosudistuyu Sistemu Bol'nykh s Koronarnoi Nedostato-  
chmoost'yu). [1963] [25p] 31refs FASEB Ms no. S265-3.  
Order from OTS, SLA, or ETC \$2.60 TT-64-13843

Trans. of *Terapevticheskiy Arkhiv* (USSR) 1963, v. 35,  
no. 2, p. 22-30.

DESCRIPTORS: \*Cardiovascular system, Heart,  
\*Vasoactive agents, Angina pectoris.

(Biological Sciences--Pharmacology, TT, v. 11, no. 6)

1. Title: Nitrosorbid
- I. Gefter, V. A.
- II. FASEB-S-265-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Borodulin, Yu. D.

SKIN THERMOMETRY OF THE ANTEROLATERAL SURFACE OF THE CHEST IN THE DIAGNOSIS OF CORONARY INSUFFICIENCY (Termometriya Kozhnykh Pokrovov Perednebokovoi Poverkhnosti Grudnoi Kletki v Diagnostike Koronarnoi Nedostatocnosti). [1963] [13p] 12ref's FASEB manuscript no. S 266-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13510

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35, no. 2, p. 57-62.

(Biological Sciences--Pathology, TT, v. 11, no. 11)

TT-64-13510

- I. Borodulin, Yu. D.
- II. FASEB-S-266-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Paramonova, E. G. and Prostyakov, K. M.  
THE FUNCTIONAL STATE OF THE THYROID GLAND  
IN PATIENTS WHO HAVE HAD MYOCARDIAL  
INFARCTION (Funktional'noe Sostoyanie Shchitovidnoi  
Zhelezny u Vol'nykh, Perenesahkh Infarkt Miokarda).  
[1963] [12p] 13refs FASEB manuscript no. S 267-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13509

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 2, p. 54-58.

(Biological Sciences--Pathology, TT, v. 11, no. 11)

TT-64-13509

- I. Paramonova, E. G.
- II. Prostyakov, K. M.
- III. FASEB-S-267-3
- IV. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Sherashevskii, M. G.

THE EFFECT OF VITAMIN B<sub>12</sub> ON FIBRINOLYSIS  
IN ATHEROSCLEROSIS (K Vliyaniyu Vitamina B<sub>12</sub> na  
Fibrinoliz pri Ateraskleroze). [1963] [8p] 14refs  
FASEB Ms no. : S268-3.  
Order from OTS, SLA, or ETC \$1.10 TT-64-13856

Trans. of Terapevticheskiy Arkhiv (USSR) 1963, v. 35,  
no. 2, p. 58-60.

DESCRIPTORS: \*Vitamin B complex, Fibrin, Anti-  
coagulants, \*Atherosclerosis, Drugs

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-13856

- I. Sherashevskii, M. G.
- II. FASEB-S-268-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Rabinovich, P. D. and Kublanov, L. A.  
HEREDITY IN THE PATHOGENESIS OF GASTRIC  
AND DUODENAL ULCERS. [1963] [11p] 25refs  
FASEB manuscript no. S 494-3.  
Order from OTS, SLA, or ETC \$1. 60 TT-64-13473

Trans. of Terapovticheski Arkhiv (USSR) 1963, v. 35,  
no. 3, p. 12-15.

(Biological Sciences--Pathology, TT, v. 11, no. 11)

TT-64-13473

- I. Rabinovich, P. D.
- II. Kublanov, L. A.
- III. FASEB-S-494-3
- IV. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Romanyuk, S. L.  
EFFECT OF CORTICOSTEROID HORMONES ON  
THE DETOXIFYING FUNCTION OF THE LIVER,  
[1963] [10p] 8 refs FASEB manuscript no. S 495-3.  
Order from OTS, SLA, or ETC \$1.10 TT-64-13472

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 3, p. 30-34.

(Biological Sciences--Pharmacology, TT, v. 11, no. 1)

TT-64-13472

- I. Romanyuk, S. L.
- II. FASEB-S-495-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Sukharev, V. M. and Chistyakov, N. M.  
COPPER, MANGANESE, IRON, NICKEL, AND COBALT  
IN THE BLOOD OF PATIENTS WITH BOTKIN'S  
DISEASE (Soderzhanie Medii, Margantsa, Zheleza,  
Nikel'ya i Kobal'ta v Krovi u Bol'nykh Bolezn'yu Botkina).  
[1963] [13p] 8refs FASEB manuscript no. S 497-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13471

Trans. of *Terapevticheski Arkhiv* (USSR) 1963, v. 35,  
no. 3, p. 38-43.

DESCRIPTORS: Copper, Iron, Nickel, Cobalt,  
\*Hematology, \*Liver viruses, Diseases, Liver  
function tests.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13471

1. Title: Botkin's disease
2. Title: Hepatitis
- I. Sukharev, V. M.
- II. Chistyakov, N. M.
- III. FASEB-S-497-3
- IV. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Predtechenski, A. N. and Kirov, S. M.  
CLINICAL INTERPRETATION OF THE ENZYMORAM  
IN INFECTIOUS HEPATITIS (Klinicheskaya Otsenka  
Fermentogrammy pri Infektsionnom Gepatite).  
[1963] [9p] 8refs FASEB manuscript no. S 498-3.  
Order from OTS, SLA, or ETC \$1.10 TT-64-13470

Trans. of Terapevticheskii Arkhiv (USSR) 1963, v. 35,  
no. 3, p. 43-46.

DESCRIPTORS: \*Enzymes, \*Liver viruses, Diseases,  
\*Liver function tests, \*Blood serum, Diagnostic  
agents.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13470

1. Title: Hepatitis
- I. Predtechenski, A. N.
- II. Kirov, S. M.
- III. FASEB-S-498-3
- IV. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

TT-64-13445

Yurchakevich, L. P.  
KIDNEY FUNCTION IN INFECTIOUS HEPATITIS  
(FROM HEMORENAL INDICES). [1963] [11p] 16refs  
FASEB manuscript no. S 499-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13445

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 3, p. 46-51.

DESCRIPTORS: \*Kidney function tests, \*Hepatitis,  
Liver viruses, Diagnostic agents, Blood, Urine.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

I. Yurchakevich, L. P.  
II. FASEB-S-499-3  
III. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.  
IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

TT-64-13444

Petrov, N. M. and Trusov, V. V.  
CLINICAL EVALUATION OF THE ABSORPTIVE AND  
EXCRETORY FUNCTION OF THE LIVER BY MEANS  
OF ROSE BENGAL TAGGED WITH RADIOIODINE.  
[1963] [18p] 23refs FASEB manuscript no. S 500-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13444

- I. Petrov, N. M.
- II. Trusov, V. V.
- III. FASEB-S-500-3
- IV. Federation of American  
Societies for Experimental  
Biology,  
Washington, D. C.

Trans. of Terapevticheskii Arkhiv (USSR) 1963, v. 35,  
no. 3, p. 51-58.

(Biological Sciences--Physiology, TT, v. 11, no. 11)

Office of Technical Services

Yaroshevskii, A. Ya. and Klemina, I. K.  
THE HEMATOLOGY OF RESPIRATORY INSUFFI-  
CIENCY (O Gematologii Dykhatel'noi Nedostatochnosti).  
[1963] [20p] 32refs FASEB manuscript no. S 501-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13443

Trans. of Terapevticheskii Arkhiv (USSR) 1963, v. 35,  
no. 3, p. 70-78.

DESCRIPTORS: \*Hematology, \*Respiration, Diseases,  
\*Hemopoietic system, Hemoglobin, Blood circulation.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13443

- I. Yaroshevskii, A. Ya.
- II. Klemina, I. K.
- III. FASEB-S-501-3
- IV. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

TT-64-13430

Orlov, V. N.

CLINICAL AND ELECTROKYMOGRAPHIC PARALLELS  
IN PATIENTS WITH SCARS FOLLOWING MYOCARD-  
IAL INFRACTION. [1963] [10p] 8refs FASEB manu-  
script no. S 585-3.

Order from OTS, SLA, or ETC \$1.10 TT-64-13430

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 5, p. 10-15.DESCRIPTORS: Electromyography, \*Adhesions  
(Physiology), \*Heart, Necrosis, Coronary vessels,  
Thrombosis, \*Electrocardiography, Diseases

I. Orlov, V. N.

II. FASEB-S-585-3

III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.IV. Scripta Technica, Inc.,  
Washington, D. C.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

Office of Technical Services

Britov, A. N.  
SIGNIFICANCE OF CERTAIN INDICES OF PROTEIN  
AND FAT METABOLISM IN DIFFERENTIAL  
DIAGNOSIS OF CORONARY INSUFFICIENCY  
(Znachenie Nekotorykh Pokazatelei Belkovogo i Lipidnogo  
Obmena dlya Differential'noi Diagnostiki Razlichnykh  
Form Koronarnoi Nedostatochnosti). [1964] [25p]  
(foreign text included) 29refs FASEB Ms no.: S 586-3.  
Order from OTS, SLA, or ETC \$2.60 TT-64-15526

Trans. of Terapevticheski Arkiv (USSR) 1963,  
v. 35, no. 5, p. 21-28.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15526

- I. Britov, A. N.
- II. FASEB-S-586-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Sidorovich, S. Kh.  
EXTERNAL RESPIRATION IN PATIENTS WITH  
ACUTE MYOCARDIAL INFARCTION. [1963] [12p]  
12refs FASEB Ms no.: S587-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13849

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 5, p. 34-39.

DESCRIPTORS: \*Heart, \*Necrosis, \*Respiration

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13849

1. Title: Myocardial infarct
- I. Sidorovich, S. Kh.
- II. FASEB-S-587-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

TT-64-13850

Smetnev, A. S., Makarova, N. A., and Polikarpova, E. G.  
HEMORRHAGIC COMPLICATIONS OF ANTICOAGULANT THERAPY IN MYOCARDIAL INFARCTION.  
[1963] [11p] 16refs FASEB Ms no.: S 588-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-13850

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35, no. 5, p. 39-44.

DESCRIPTORS: \*Heart, \*Necrosis, Therapy, \*Hemorrhages, \*Anticoagulants

- I. Title: Myocardial infarct
- I. Smetnev, A. S.
- II. Makarova, N. A.
- III. Polikarpova, E. G.
- IV. FASEB-S-588-3
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

Office of Technical Services

TT-64-13428

Kozlov, G. S.  
THE ANALYSIS OF THE PHASES OF THE CARDIAC  
CYCLE AND THEIR CLINICAL SIGNIFICANCE IN  
RHEUMATIC FEVER. [1963] [23p] 16 refs FASEB  
manuscript no. S 590-3.  
Order from OTS, SLA, or ETC \$2.60 TT-64-13428

Trans. of *Terapevticheski Arkhiv* (USSR) 1963, v. 35,  
no. 5, p. 71-78.

DESCRIPTORS: Cardiology, \*Rheumatic diseases,  
Heart

- I. Kozlov, G. S.
- II. FASEB-S-590-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

(Biological Sciences--Pathology, TT, v. 11, no. 9)

Office of Technical Services

The Significance of Gastrobiopsy in  
Diagnosis of Gastric Diseases, by  
K. S. Virsaladze, et al.  
RUSSIAN, per Terapevticheski Arkhiv,  
Vol XXXV, No 6, 1963, pp 33-37.  
NII 9-30654

Sci-BGM  
Jul 65

286,167

TT-64-15487

Masevich, Ts. G.  
THE SIGNIFICANCE OF MORPHOLOGICAL AND  
FUNCTIONAL METHODS OF GASTRIC ANALYSIS IN  
DIAGNOSIS OF CHRONIC GASTRITIS (Znachenie  
Morfologicheskikh i Funktsional'nykh Metodov  
Issledovaniya Zheludka v Diagnostike Khronicheskikh  
Gastritov). [1964] [25p] 11refs FASEB Ma no.: S759-3.  
Order from OTS, SLA, or ETC \$2.60    TT-64-15487  
figs available on loan from OTS

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 6, p. 38-46.

(Biological Sciences--Anatomy, TT, v. 12, no. 3)

- I. Masevich, Ts. G.
- II. FASEB-S-759-3
- III. Federation of American  
Societies for Experimental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Tolmach, D. V.  
QUANTITATIVE VARIATIONS IN THE SODIUM,  
POTASSIUM, AND CALCIUM CONTENT OF GASTRIC  
JUICE IN CHRONIC GASTRITIS. [1964] [12p] 11 refs  
FASEB Me no.: S760-3.  
Order from OTS, SLA, or ETC \$1.60 TT-64-15488  
  
Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,  
no. 6, p. 46-50.

(Biological Sciences--Biochemistry, TT, v. 12, no. 3)

TT-64-15488

I. Tolmach, D. V.  
II. FASEB-S-760-3  
III. Federation of American  
Societies for Experimental Biology,  
Washington, D. C.  
IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Specific Dynamic Action of Food Following Resection of Various Segments of the Gastrointestinal Tract, by E. A. Beyull, A. P. Borisov. 13 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 6, 1963, pp 56-62.

SLA TT-64-19257

Sci/B&M  
Jul 66

303,804

Shamlyan, N. P.  
THE CLINICAL AND HEMATOLOGICAL FEATURES  
OF DIPHYLLOBOTHRIASIS IN THE SOVIET FAR  
NORTH (O Kliniko-Gematologicheskikh  
Osobennostyakh Diphilobotrioza v Usloviyakh  
Krainego Severa). [1964] [22p] (foreign text included) 32refs  
FASEB Ms no.: S762-3.  
Order from OTS, SLA, or ETC \$2.60      TT-64-15489  
  
Trans. of Terapevticheski Arkhiv (USSR) 1963,  
v. 35, no. 6, p. 67-73.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15489

- I. Shamlyan, N. P.
- II. FASEB-S-762-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

TT-64-15465

Pak, S. G.

CLINICAL SIGNIFICANCE OF ELECTROPHORETIC STUDIES OF SERUM PROTEINS AND LIPOPROTEINS FOLLOWING RECOVERY FROM INFECTIOUS HEPATITIS (Klinicheskoe Znachenie Elektroforeticheskogo Issledovaniya Belkov i Lipoproteidov Syvorotki Krovi u Lits, Perenesshikh Epidemicheskii Gepatit (Bolezn' Botkina). [1964] [18p] (foreign text included) 22refs FASEB Me no. S763-3.

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Trans. of Terapevticheskii Arkhiv (USSR) 1963, v. 35, no. 6, p. 85-90.

(Biological Sciences--Biochemistry, TT, v. 12, no. 3)

- I. Pak, S. G.
- II. FASEB-S-763-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

THE ROLE OF BIOPHYSICS, CHEMISTRY AND CYTOLOGY IN  
THE DEVELOPMENT OF MEDICINE, BY V G YELISEYEV,  
8 PP.

RUSSIAN, PER, TERAPEVTICHESKIY ARKHIV, VOL XXXV,  
NO 8, 1963, PP 3-9.

JPRS 21966

SCI-BIOL & MED SCI  
DEC 63

242,947

Nedogoda, V. V.

A TECHNIQUE FOR MEASURING THE RATE OF BLOOD FLOW IN THE PORTAL CIRCULATION BY MEANS OF ETHER, AND THE DIAGNOSTIC SIGNIFICANCE THEREOF (K Metodike i Diagnosticheskoj Tsennosti Opredeleniya Skorosti Portal'nogo Krovotoka Efirnym Sposobom). [1964] [30p] (foreign text included) 31refs FASEB Ms no.: S764-3.  
Order from OTS, SLA, or ETC \$2.60 TT-64-15583

Trans. of Terapevticheskiy Arkhiv (USSR) 1963, v. 35, no. 8, p. 39-44.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

TT-64-15583

- I. Nedogoda, V. V.
- II. FASEB-S-764-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripps Technica, Inc., Washington, D. C.

Office of Technical Services

SOME PROBLEMS IN THE ANALYSIS OF THE ELECTROGASTRO-  
GRAM AND ITS VARIANTS IN HEALTHY PERSONS DURING  
DIGESTION, BY L. G. KRASIL'NIKOV, YU I FISHZON-  
RYSS, 10 PP.

RUSSIAN, PER, TERAPEVTICHESKIY ARKHIV, VOL XXXV, NO 8,  
1963, PP 56-62.

JPRS 21925

SCI-BIOL & MED SCI

NOV

63

212,323

Magomedova, M. O.  
THE EFFECT OF CHRONIC ALCOHOLISM ON THE  
DEVELOPMENT OF ATHEROSCLEROSIS (O Vliyanii  
Khronicheskogo Alkogolizma na Razvitiie Ateroskleroza).  
[1964] [37p] (foreign text included) 57refs FASEB  
Ma no.: S766-3.  
Order from OTS, SLA, or ETC \$3.60 TT-64-15531

Trans. of Terapevticheski Archiv (USSR) 1963,  
v. 35, no. 8, p. 93-99.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15531

- I. Magomedova, M. O.
- II. FASEB-S-766-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Determination of the strength of the Cholesterol-Protein Bond and its Value in Patients With Atherosclerosis, by V. P. Medvedev. 19 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 9, 1963, pp 14-19.

SLA TT-64-19233

Sci/B&M

Jul 66

305,924

Disturbances of Vascular Tone and Some Features of  
Metabolism in the Young, by N. I. Shtel'makh. 23 pp.  
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 9,  
1963, pp 67-76.  
SLA TT-64-19234

Sci/B&M  
Jul 66

305,934

Radioactive Chromium in the Study of the Circulating Blood Volume in Chronic Pulmonary Diseases, by A. N. Tarasov.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 10, 1963, pp 22-27.

SLA TT-64-19217

Sci/B&M  
Jul 66

305,973

Glutaminic-Pyruvic and Glutaminic-Oxalic  
Transaminase in Infectious Hepatitis, by  
L. I. Gol'dberg,  
RUSSIAN, per, Ter. Arkh., Vol XXXV, 1963,  
pp 26-33.  
Dept of Navy 5306/RMS No 1197

Sci-841  
May 67

524,846

Intrathoracic Pressure and Work of Respiration in  
Patients With Cardiopulmonary Failure, by  
N. M. Mukharlyamov. 12 pp.  
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 10,  
1963, pp 77-82.  
SLA TT-64-19235

Sci/B&M  
Jul 66

305,927

On the Frequency Distributions of the  
First and Second Heart Sounds and the  
Relative Amplitudes of the Different  
Frequencies, by L. N. Goncharova.  
RUSSIAN, per, Terapevticheski Arkhiv,  
Vol 35, No 9, 1963, pp 98-106.  
OTS TT-64-19654

Sci-B&M  
Jul 66

306,438

State of the Lipid Metabolism in Various Phases  
of Rheumatic Fever, by R. I. Mikunis. 14 pp.  
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35,  
No 10, 1963, pp 131-137.  
SLA TT 64-19290

Sci/B&M  
Jul 66

305,925

Effect of Betasitosterol on Blood Lipoprotein  
Fractions in Patients With Coronary Atherosclerosis,  
by N.M. Vaisman, L.M. Georgievskaya, et al. 10 pp.  
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35,  
No 11, 1963, pp 64-68.  
SKA TT-64-19236

Sci/B&M  
Jul 66

305,963

The Functional State of the Human Adrenal Cortex  
in Chronic LEad and Benzene Intoxicationby  
N. L. Kanner. 18 pp.  
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35,  
No 11, 1963, pp 95-99.  
SLA TT-64-19273

Sci/B&M  
Jul 66

305,955

Clotting and Anticlotting Systems of  
the Blood in Coronary Circulatory  
Disturbances, by A. Ya. Yaroshevskii,  
E. K. Zhavoronkova.

RUSSIAN, per, Terapevticheskii Arkhiv,  
Vol XXXVI, 1964, No 1, pp 36-43.  
OTS TT-64-19650

Sci

Jan 67

317#536

Utilization of Preserved Thrombocyte  
Mass in Certain Affections of the Blood  
System, by Ch. S. Guseinov.  
RUSSIAN, per, Terapevticheskiy Arkhiv,  
Vol XXXVI, No 3, 1964, pp 60-65.  
NIH 10-40-64

Sci - Biol & Med Sci  
Aug 65

284,368

The Effect of Euphyllin on Renal Function  
and Haemodynamics in Cardiac Failure, by  
A. K. Merzon, 26pp.  
RUSSIAN, per, Terapevticheskii Arkhiv,  
Vol 36, No 1, 1964, pp 88-100.  
CFSTI TT-64-19703.

*A. K. Merzon*

321,696

Sci - B & M  
Mar 67

Hemorrhagic Nephroso-Nephritis, by S. V.  
Viskovskiy, 5 pp.

RUSSIAN, bk, Terapevticheskiy Spravochnik, Vol I,  
Moscow, 1951. ~~700 pp.~~ pp. 383-386,

Sci Tr Center  
RT-1463

Scientific - Medicine

18,893

I-77/64

Thermal Springs of Kamchatka, by  
B. I. Piyp. (SF-3297) 15 pp.

RUSSIAN, bk, Termal'nyye Klyuchi Kamchatki,  
1937, pp 55-69.

*JPRS/SPECIAL/SF-3297*

Sci - Earth Sci  
Aug 64

Thermal Dissociation of Ammonium Polyuranate ADU,  
by H. Landsperaky, I. Imrisova, et al, 17 pp.  
RUSSIAN, rpt, Termicheakaya Dissotsiatsikya  
n Poliuranata Ammoniya ADU. 9222634  
AEC-Tr-6377

Sci-Phys  
Jul 64

~~261,011~~

261,011

Hydrazoic Acid ( $\text{HN}_3$ ) - Explosive Materials Which Decompose in the Solid State - The General Laws for the Thermal Decompositions of Explosive Substances - Calcium Acide - Detonators - The Combustion Mechanism of Detonators - And Deductions, by K. K. Andreyev, 30 pp.

RUSSIAN, par, Termichaskoe Nazhivanie i Gorenie Varyvchatykh Veshchestv, Moscow-Leningrad, 1957, pp 93-106, 143, 160-162, 223-235.

Engr Res Devel Lab,  
E-154

Sci - Chem  
Dec 58

77,762

63-11136

Kolobnev, I. F.  
HEAT TREATMENT OF ALUMINUM ALLOYS, tr.  
by Ch. Nisenbaum, 1963, 308p, 243 refs. PL-480  
Comm,  
Order from OTS \$3.00 63-11136

I. Kolobnev, I. F.  
II. PL-480 Comm (63-11136)  
III. National Science Foundation,  
Washington, D. C.

Trans. of mono. Termicheskaya Obrabotka Aluminic-  
vykh Splavov, Moscow, 1961 [431]p.

DESCRIPTORS: \*Aluminum alloys, Heat treatment,  
Aluminum castings, Alloys.

Classification of heat treatment processes for aluminum  
alloys

Heat treatment of cast aluminum alloys

Heat treatment of wrought aluminum alloys

Equipment used for heat treatment of aluminum alloys

Technology of alloy heat treatment

Defects and faults due to heat treatment and their  
correction

(Metallurgy--Light Metals, TT, v. 10, no. 7)

Office of Technical Services

Tables of Contents of Four USSR Books on  
Metallurgy, 7 pp.

RUSSIAN, bks, Termicheskaya Obrabotka Instrumental'  
nykh Staley, 1951; Tekhnologiya Rezhushchego  
Instrumenta, 1953; Svoystva i Termicheskaya  
Obrabotka Instrumental'nykh Staley, 1954; Issledo-  
vaniye Struktury Instrumental'nykh Staley, 1954;  
Mashgiz, Moscow.

CIA/FDD/X-1939

USSR

Sci - Minerals/Metals

29,580

Austenite Transformation During Uninterrupted Cooling in Connection With the Mechanical Properties of High Alloy Steels, by P. V. Sklyuyev, 13 pp.

RUSSIAN, bk, Termicheskaya Otrabotka Metallov Konferentsiya po Materialam, 1950, pp 1-10.

ATIC F-TS-8749/v

Sci - Minerals/Metals

33,243

Apr 56

Heat Treatment of New Cast Aluminum Alloys,  
by N. N. Belousov, Ye. N. Mikheyeva, 32 pp.  
RUSSIAN, per, Termicheskaya Obrabotka Novykh  
Litevnykh Alyuminiyevykh Splavov, 1964,  
pp 1-36.  
AIR/FTD/MT-24-337-67

Sci-Mat  
Jan 69

370,792

T/C and bk review

Thermal Treatment of Steel by the Sub-Cooling Process:  
Theory and Practice by P. P. Petrosyan, 5 pp.

RUSSIAN, bk Termicheskaia obrabotka stali kholodcm;  
teoriya i praktika, 1957, 123 pp.

Head, Lib Sv Sec  
Air Info Div, Lib Cong

Aug 58

Thermal Treatment and Property of Alloys, 181 pp.

RUSSIAN, bk, Termicheskaya Obrabotka i Svoystva  
Splavov, Moscow, 1962, pp 1-161. 9695363

FTD-MT-64-83  
GOV'T USE ONLY

Sci - M/M  
Nov 64

269,449

Initiation of Explosives, by K. K. Andreyev,  
21 pp.

RUSSIAN, bk, ~~Technicheskoe Raslozhenie i Gorenie~~  
Vzryvchatykh Veshchestv, 1957, pp 277-287. CIA 653829

Engr Res and Devel Lab T-208  
Ft Belvoir, Va

Sci - Chem

Jun 58

65,542

Terminology of Oxygen and High Altitude Aircraft  
Equipment, 3 pp.

RUSSIAN, ms, Terminologiya Kislorodnogo i  
Vysotnogo Oborudovaniya Samolotov. Moscow, 1954,  
pp 5, 7, 20, Encl to IR-1016-57, AFQIN-1A1.

AF 1068531

Sci - Aeronautics, terminology  
Feb 1957 CIB/dax

43457

Soviet Aviation Terms, 13 pp. UNCLASSIFIED

RUSSIAN, pamphlet, Terminologiya Konstruktsii i  
Prochnosti Samoleta, Moscow 1954, Encl to  
IR-1456-58, AFCIN-1A1.

AF 1181695

Sci - Asso  
Jul 58

66,604

Terminology of the Theory of Relay Devices, by  
M. A. Gavrilov, 28 pp.  
RUSSIAN, bk, Terminologiya po Teorii Releynykh  
Ustroystv, Moscow, 1964. 9227472  
NASA TT F-352

Sci-Engr; Phys  
Jun 65

281,047

(E NY-1394)  
Terminology of Computer Machines and Instruments,  
edited by A. M. Terpigorev, 16 pp. UNCLASSIFIED

RUSSIAN, pamphlet, Terminologiya Vychislitel'nykh  
Mashin i Proborov, No 42, Moscow, 4 Nov 1957, pp 3-16.

US JPRS/NY-328

Sci - Electronics  
Apr 58

62,341

Thermodynamic and Ballistic Design  
Fundamentals of Solid-Propellant Rocket  
Engines, by B. V. Orlov, G. Yu. Wazing,  
391 pp.

RUSSIAN, bk, Termodinamicheskiye i  
Ballisticheskiye Osnovy Proyektirovaniya  
Raketnykh Dvigatelyey na Tverdom Toplive,  
Moscow, 1964, pp 1-406. P100055167-V  
FTD-MT-65-191

Sci - Prop & Fuels  
Feb 67

320,053

62-12346

Predvoditelev, Aleksandr Savvich, and others.  
CHARTS OF THERMODYNAMIC FUNCTIONS OF  
AIR (FOR TEMPERATURES OF 1000 TO 12,000° K  
AND PRESSURES OF 0.001 TO 1000 ATMOSPHERES)  
Book 3 of Thermodynamic Properties of Air at 1000 to  
20,000°K and 0.001 to 1000 Atm. 1962, 56p.  
Order from ATS \$6.50, set of 3/\$38.25

Trans. of mono. [Termodinamicheskie Funktsii  
Vozdukh dlya Temperatur ot 1000 do 12,000° K i  
Davlenii ot 0,001, do 1000 Atm (Grafiki Funktsii)  
Moscow, 1960, 53p ]

DESCRIPTORS: \*Air, \*Thermodynamics, Tempera-  
ture charts

Contents:  
Description of Tables  
Approximate Method for the Computation of Air  
(Physics--Thermodynamics, TT, v. 7, no. 4) (over)

- I. Predvoditelev, A. S.
- II. Title: Thermodynamic  
properties...
- III. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

Thermodynamic Research by the Method of Explosion and  
Computation of Combustion Processes, by A. M. Gurvich,  
Yu. Kh. Shaulov, 181 pp.

RUSSIAN, bk. Termodinamicheskiye Issledovaniya  
Metodom Vzryva i Raschety Protssessor Goreniya, 1955,  
163 pp.

ATIC F-TS-9979/v

Sci - Chem  
Oct 59

99,497

Thermodynamic Calculations for Rocket Engines,  
by B. A. Nikolayev, 193 pp.

RUSSIAN, bk, Termodinamicheskiy Raschet  
Kaketykh Dvigatelya, 1960, pp 1-147. 9677645

FTD-IT-62-271

Sci - Engr  
Jul 62

204, 855

Thermodynamic Properties of Sulfur Hexafluoride,  
by I. I. Perelshtein,  
RUSSIAN, per, Termodinamicheskie Svoistva  
Shestifloristoi Sery, 1961  
MLL RTS 2776  
(ON LOAN OR PURCHASE)

Sci - Chem  
May 67

325,863

Thermodynamic Properties and Combustion-  
Product Transfer Properties of Hydrocarbon Fuels  
at Temperatures up to 4000°K, by

Ye. V. Samaylov, I. B. Rozhdastvenskiy, et al.  
29 pp.

RUSSIAN, mono, Termodinamicheskiye Svoystva i  
Svoystva Perenosa Produktov Goreniya Eglevo-  
odorodnykh Topliv pri Temperaturakh do 4000°K,

SP-107/162. 1-35.pp

AIR/FTD/MT-24-180-68

sci/physics  
mar 69

377,917

Thermodynamic Properties of Individual Sub-  
stances. Volume 1: Calculation of the Thermo-  
dynamic Properties, by A. V. Gurvich,  
G. A. Khachkurzov, et al. 8853 pp.  
RUSSIAN, bk, Termodinamicheskiye Svoystva In-  
dividual'nykh Veschestv; V Dvukh Tomakh, Tom I;  
Vychisleniye Tdrmodinamicheskikh Svoystv, Chapt.  
1-15, 1962, pp 5-436 P100313967-V  
FTD-HT-66-251

Sci/Physics  
Nov 67

343,323

Thermodynamic Properties of Individual Sub-  
stances, Volume 2: Calculation of the Thermo-  
dynamic Properties, by A. V. Gurvich,  
G. A. Khachkuruzov, et al. 856-1789 English pgs.  
RUSSIAN, bk, Termodinamicheskiye Svoystva In-  
dividual'nykh Veschestv; V Dvukh Tomakh, Tom 1;  
Vychisleniye Termodinamicheskikh Svoystv,  
Chapts. 16-27, 1962, pp 437-858 P10031396Z-V  
FTD-HT-66-251

Sci/Physics  
Nov 67

343,324

Thermodynamic Properties of Individual Substances. Volume 1: Calculation of the Thermodynamic Properties, by A. V. Gurvich, G. A. Khachkuruzov, et al. 1790-2409 English pgs. RUSSIAN, bk, Termodinamicheskiye Svoystva Individual'nykh Veschestv; V Dvukh Tomakh, Tom 1; Vychisleniye Termodinamicheskikh Svoystv, Chapts. 28-31, pp 859-1162 P100313967-V  
FTD-IIT-66-251

Sci/Physics  
Nov 67

343,325

Glushko, V. P., Gurvich, L. V. and others  
THERMODYNAMIC PROPERTIES OF INDIVIDUAL  
SUBSTANCES. VOL. 1. COMPUTATION OF THERMO-  
DYNAMIC PROPERTIES: FOREWORD AND INTRO-  
DUCTION. [1963] [20p]  
Order from OTS, SLA, or ETC \$1.60 TT-63-23060

Trans. of mono. Termodinamicheskie Svoistva  
Individual'nykh Veshchestv [Spravochnik v Druk  
Tumakh, 2d ed], v. 1. Vychislenie Termodinami-  
cheskikh Svoistv, Moscu., 1962, p. 11-24.

DESCRIPTORS: \*Thermodynamics, High temperature  
research, Gases, Solids, Liquids, Thermochemistry,  
Tables.

(Physics--Thermodynamics, TT, v. 11, no. 2)

TT-63-23060

- I. Glushko, V. P.
- II. Gurvich, L. V.
- III. Title: Computation ...
- IV. Title: Vychislenie ...
- V. National Bureau of  
Standards, Washington,  
D. C.
- VI. O'Callaghan, T. C.,  
Associates, Washington,  
D. C.

Office of Technical Services

Thermodynamic Cycles of Nuclear Power Stations,  
by D. D. Kalafati,  
RUSSIAN, bk, Termodinamicheskie Tsikly Atomnykh  
Elektrostantsii, Moscow, 1963, 280 pp.

IPST  
6

NO 2153

~~XXXX~~

Sci-~~ENG/XXX~~ Nucl Sci

Sep 64

\$12.50

S-140/83

Thermodynamic Cycles of Atomic Power Stations  
with an MHD Generator, by D. D. Kalafati (DC-3890)

RUSSIAN, bk, Termodinamicheskiye Tsikly Atomnykh  
Elektrostantsiy, Moscow, 1963, pp 251-254.

~~JPRS~~ 21,241

Sci - Eng

Sep 63

Thermodynamics, by A. I. Veinik, 259 pp.  
RUSSIAN, bk, Termodinamika, 1961.  
NASA TT F-148  
OTS 64-11102

Sci - Nucl Sci  
Jan 65

270,495

Thermodynamics of Tungsten, Molybdenum, Titanium,  
Zirconium, Niobium, Tantalum and Their Most  
Important Compounds, by Ya. I. Gerasimov.

RUSSIAN, bk, Termodinamika Vol'frama, Molibdena,  
Titana, Tsirkoniya, Niobiya, Tantara i Ikh  
Vazhneyshikh Soyedineniy, Moscow, 1963, 283pp.

\*PL-480  
NASA

Sci -  
Jul 63

THE THERMODYNAMICS OF AQUA-COMPLEXES, BY  
V. P. VASIL'EV.

RUSSIAN, BK, TERMODINAMIKA I STROENIE  
RASTVOROV, TRUDY SORESHCHANIYA, 1958.

NLL RTS 1970

SCI - PHYS

JUN 62

199,969

Thermoelectric properties of the noble metals and  
their alloys, by Aleksandr Aleksaevich Rudnikii,  
234 pp.

RUSSIAN, bk, Termoelektricheskiya Svoistva  
Blagorodnykh Metallov i ikh Splavov, 1956, 148 pp.

ABC Tr

3724

Sci - Min/Net

Oct 59

98,896

JPRS R-71-H

Thermoelectric Properties of Semiconductors,  
by V. A. Rytasov, 118p.  
RUSSIAN, mono. Termoelektricheskie  
Svoistva Poluprovodnikov, Moscow, 1962,  
CB

333, 570

Sci  
Jay 64

Methods of Bridgeman and Subsequent Heat  
Treatment of Branches of a Thermo-Couple of  
Alloys  $\text{Bi}_2\text{Te}_3\text{-Sb}_2\text{Te}_3$  and  $\text{Bi}_2\text{-Te}_3\text{-Bi}_2\text{Se}_3$ , by  
A. N. Voronin, B. I. Grinberg.  
RUSSIAN, per. Termoelektir Svobodaya Poluprov.  
Akad. Nauk SSSR, Inst. Poluprov. Sb. Tr. 1-so Fervozn  
12-20 Voprosy Sovetsk. po Termoelektir, 1963,  
pp 117-122.  
REC 6596

Sci-Data Phys  
Jul 65

Protection of a Negative Branch of a Thermocouple  
During Aging, by A. N. Voronin, R. V. Grinberg,  
et al.

RUSSIAN, per, Termoelektr Sviyestva Poluprov od  
Nauk SSSR, Issl Poluprov So Tr 1-go Porvosp 1  
2-go Vozrogo Sovesh po Termoelektr, 1963,  
pp 123-127.

DAEC h 6595

Sci-Phys  
Jul 68

Thermoelectricity, by A. S. Bernshleya, 58 pp.

RUSSIAN, bk, Termoelektrichestvo, 1957, 57 pp.

ATIC F-TS-9986/III

Sci - Electr  
Oct 59

99499

(J-1329/61)

Type TEGK Thermoelectric Generator -  
Description and Operating Instructions,  
(DC-6452)

RUSSIAN (into English and Portuguese) # bk,  
Termoelektrogenerator Tipa TEGK-9 -- Opisaniye  
i Instruktsiya Pol'zovaniya, pp 1-5.

\*JPRS  
SPECIAL

USSR  
Econ  
1 Dec 61

(FDD 24206)

Thermophilic Microorganisms in Nature and  
Practice, by Ye. N. Menshutina, 124 pp.

RUSSIAN, bk, Termofil'nyye Mikroorganizmy v  
Prirode i Praktike, Moscow/Leningrad, 1950,  
pp 14-23, 43-46, 52, 53, 147-154, 163-173,  
271-282, 288-301, 368-378, 389-391.

CIA/FDD/U-7238

USSR

Sci - Biology  
CTB 71/Aug 1955

27,692

The Structure of Shock Waves in Air  
With Account Being Taken of the Kinetics  
of Chemical Reactions and the Excitation  
of Molecular Vibrations of Nitrogen,  
by S. N. Anisimov, E. M. Kuznetsov. et al.  
RUSSIAN, per, Termofizika Vysokikh Temperatur,  
Vol II, No 3, 1964, pp 337-343. 9700839  
Dept of Navy/ONI Tr No 2142

Sci-Chem  
Jul 66

304,280

Thermo-Chemical Method of Softening and  
Desalting Caspian Sea Water and the  
Industrial Thermo-Chemical Desalination Plant  
in Baku, by I. Z. Makinskiy, 14 pp.  
RUSSIAN, rpt, Termokhimicheskii Metod  
Umyagcheniya i Opresneniya Vody Kaspiiskogo  
Morya i Promyshlennaya Termokhimicheskaya  
Opresnitel'naya Ustanovka V. G. Baku,  
1966.  
\*AEC

Sci - ES & Oceanography  
Apr 67

TT-63-22463

Tsidil'kovskii, I. M.  
THERMOMAGNETIC EFFECTS IN SEMICONDUCTORS,  
tr. by A. Tybulewicz. 1962, 1v.  
Order from Infosearch Ltd., London

I. Tsidil'kovskii, I. M.  
II. Infosearch Ltd. (Gt. Brit.)

Trans. of mono. [Termomagnitnye Yavleniya v Poluprovodnikakh, Moscow, 1960, 396p.].

DESCRIPTORS: \*Semiconductors, Thermoelectricity,  
Electromagnetic properties.

(Physica--Solid State, TT, v. 11, no. 4)

Office of Technical Services

Special Features of the Testing of Heat  
Resistant Materials for Thermal Fatigue,  
by N. I. Leonchuk, Yu. A. Yakovlev.  
RUSSIAN, per, 'Termestoikost' Sharobrochov  
Salavov' Moscow, 1962, pp 142-147.  
NII 9827.09 (4986)

Sci - let  
Oct 67

343,866

Thermal Stability of Heat-Resistant Alloys, 151 pp.

RUSSIAN, bk, Termostoykost' Zharoprochnykh Splavov,  
1962, pp 3-169. 9689538-V

FTD-TT-63-147

Sci - M/M  
Dec 63

243,606

Thermonuclear Weapons, by M. B. Meyman, K. M. Sadilenko, 49 pp.

RUSSIAN, bk, Termoyadernoye Oruzhiye, 1958,  
pp 29-38, 58-72, 83-89, 142-156. 9660840

ATIC MCL-555/V

Sci - Nuclear Phys

Oct 60

100 F00 X- 4647

128,132

Russian

*Completed  
Special*

DC

1,691/70

Thermonuclear Weapons  
(selected portions only) by M.B. Rejman, Feb '70 SFbook, Termoyadernoye oruzhiye, Moscow, 1958, pp90-144,  
pp157-175, & 214-219,Special Type "B": Transl. draft plus one,  
incl. reprographics,

book-do not mutilate/repro pp &amp; return ASAP

Thermonuclear Weapons, 12 pp.

RUSSIAN, rpt, Termoyadernoye Oruzhiye,  
pp 172-175; 190-191; 198-202; ~~214-218~~

525th MI Bn  
H-5713  
ID 2186150

USSR  
MI1  
26 Dec 61

*176, 966*

TRI 62-71

~~Test Doklady k Teorii Fluktatsii v Plasme~~, by V. R. Silin.

RUSSIAN, Conference on Plasma Physics and Controlled Nuclear Fusion Research, Salzburg, Sep 4-9, 1961.  
IAEA-CN-247

4

\*JPRS for ABC

Sci - Nuc Phys  
Oct 61

The Use of Hexachloroethane in Suspensions with  
Marl, by D. S. Shepelev & V. G. Balov.  
RUSSIAN, per, Tezish, doklady nauch, konfer.  
Vses.obshch, gal. AN. SSSR, Vols 10-14, No 1,  
1962, pp 212-214.  
NLL Ref: RTS 4101

Sci/gB & M  
Feb 68

349,666

Methods of Rationalising Crepe Yarn Production,  
by Z. Bayer.

RUSSIAN, per, Textil, Vol XVII, No 11, 1962,  
pp 412-413.

NLL Ref: 5828.4 1963 (10 279)  
(Loan) 3

Sci - M/M  
Oct 63

ion of Agents to Equalise the Uneven Dye  
ity of Polyamide Fibres, by J. Jancousek,  
r. Gruner.

RUSSIAN, per, Textil, Vol XVII, No 12, 1962,  
pp 460-462.

NLL Ref: 5828.4 1963 (10 378)  
(Loan)

M/M  
Sci - ~~Earth Sci & Astron~~  
Oct 63

Efficient Instrument for Tying Wire Ends, by M.  
Vorono.  
RUSSIAN, per, Textil'naya Promyshlennost', Vol 10,  
No 2, 1950, p 61  
CSIRO/No 7554

Sci -  
Aug 67

336,701

Book on Wool Technology, by M Kirsanov.  
RUSSIAN, per, Textil'Naya Promyshlennost', Vol 10,  
No 3, 1958, p67  
CSIRO/No 7553

Sci -  
Aug 61

336,696

High-frequency Heating of Greasy Wool, by A.  
Guretskii, G. Polotovskii.  
RUSSIAN, per, Textil'Naya Promyshlennost', No 9,  
1958, pp 58-60  
CSIRO/No 7552

Sci -  
Aug 67

336, 692

The Emulsion Method of Dyeing Wool, Reconstituted Fibre,  
and Synthetic Fibre, by V. Blinov, et al.  
RUSSIAN, per, Textil'naya Prom, No 10, 1962, pp 57-60.

CSIRO/No 6453

Sci - M/M

Feb 64

250,514